TANNOY

The setup guide

SFX 5.1

HOME THEATRE SYSTEM

Introduction

Thank you for purchasing this high performance 5.1 home theatre system. The SFX5.1 has been built and tested with care and precision, to provide first class performance and reliable operation. To ensure maximum benefit from ownership and for reasons of safety, please read the following information before using for the first time. Please complete and return the enclosed warranty registration document- this does not limit your legal rights.

Warnings and precautions

Power Requirements

Check that the voltage rating displayed on the rear panel is correct for your area before connecting. If it is incorrect, please refer to your local dealer or authorised service agent, as no user adjustment is provided.

Fuse Protection

A mains fuse is provided on the back of the subwoofer, which can be removed with a screwdriver. Ensure the power cable is unplugged from the outlet before doing so, to avoid the risk of electric shock. The correct type is shown in the specification and on the rear panel.

Important safety instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with manufacturer's instructions. This apparatus is not suitable for in wall mounting.
8. Do not install near any sources of heat such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
9. The power cable is provided with a moulded plug appropriate to the country of use. If it is unsuitable for your power outlet, consult your local dealer of authorised service agent.
10. Protect the power cable from being walked on or pinched, particularly at the plug or where it exits the apparatus.
11. Only use attachments/ accessories specified by the manufacturer.
12. Unplug this apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as the power cable or plug are damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.

14. **Warning:** To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on the apparatus.

15. To completely isolate this apparatus from the mains, disconnect the power supply plug from the receptacle.

16. The mains plug of the power supply cable shall remain readily operable.

17. Store complete packaging in case it is needed for re-use.

18. Due to the powerful drive unit magnet, do not place within 1m (3 feet) of a television or computer monitor.

Warranty

All of our products have been produced and tested with care and precision to give first-class service.

All passive components are guaranteed for a period of five years from the date of purchase from an authorised Tannoy dealer subject to the absence or evidence of misuse, overload, or accidental damage.

All active and electronic components are guaranteed for a period of one year from the date of purchase from an authorised Tannoy dealer subject to the absence of, or evidence of, misuse, overload or accidental damage.

If at any time during this warranty period the equipment proves to be defective for any reason other than accident, misuse, neglect, unauthorised modification or fair wear and tear, we will repair any such manufacturing defect or, at our option, replace it without charge for labour, parts or return carriage.

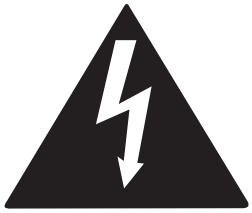
If you suspect a problem with a Tannoy product then, in the first instance, discuss it with your Tannoy dealer. If you require further assistance then we ask that you deal directly with your local Tannoy distributor. If you cannot locate your distributor please contact Customer Services, Tannoy Ltd at the address given below.

Customer Services, Tannoy Ltd., Rosehall Industrial Estate, Coatbridge, Strathclyde ML5 4TF, Scotland

Tel:	01236 420199	(National)
	+44 1236 420199	(International)
Fax:	01236 428230	(National)
	+44 1236 428230	(International)
E-mail:	enquiries@tannoy.com	

Do not ship any product to Tannoy without previous authorisation.

Our policy commits us to incorporating improvements to our products through continuous research and development. Please confirm current specifications for critical applications with your supplier.



The lightning flash with arrowhead symbol within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage " within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

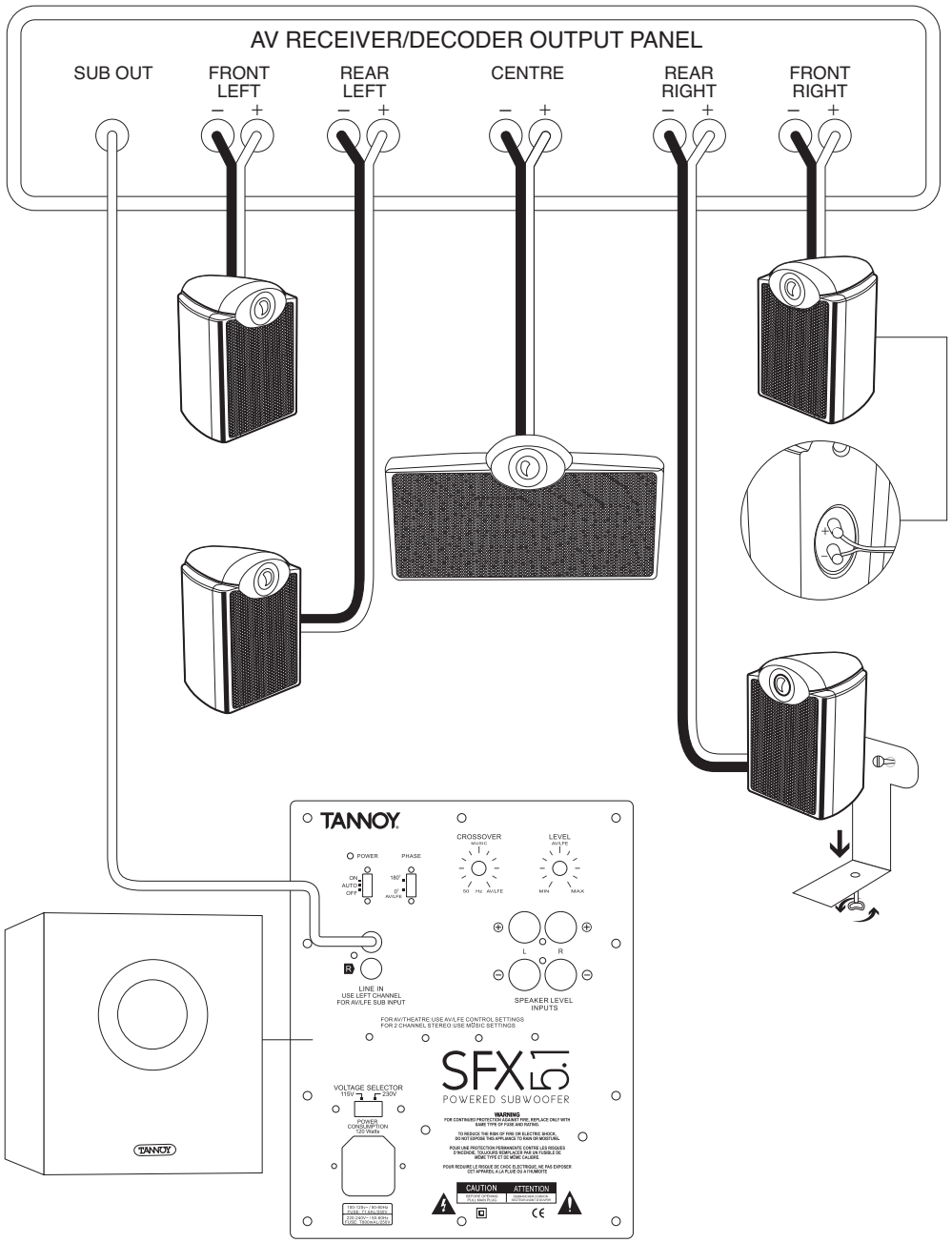
The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

Warning: Failure to follow these safety instructions could result in fire, electric shock, or other injury or damage.

Warning: To reduce the risk of fire or electric shock, do not expose this apparatus to rain, liquids, moisture, excessive heat, or naked flame.

5.1 system setup guide

This high performance 5.1 system has been built and tested with care and precision, to provide first class performance and reliable operation. To ensure maximum benefit from ownership, and for reasons of safety, please read the following information before using for the first time.



Connecting the subwoofer to your system

The SFX5.1 system subwoofer may be connected in any one of the following ways:

Line levels

- Using the subwoofer output on your A/V receiver or decoder connect a single RCA interconnect to either the left or right line input on the subwoofer rear panel. This is the ideal connection type as the sub woofer output contains the low frequency information from all channels.
- If no subwoofer or spare line outputs exist you may connect using a Y-split connector on the main pre amplifier output connections. Use a Y-split on both right and left outputs and connect these via an RCA interconnect to the left and right inputs on the subwoofer rear panel.
- Alternatively, if your preamplifier has a spare set of line level outputs, connect left and right to the SFX subwoofer L and R inputs using screened cable.

High levels

- Use your amplifier's speaker out terminals. To accommodate the connection of two sets of cables, red (+) goes to red (+), and black (-) to black (-), twist wires together and connect to the amplifier terminals.
- Alternatively use the 'A & B' speaker outputs on the amplifier if provided - A to your main speakers and B to the SFX subwoofer. Do this using a length of speaker cable for each channel, wire your amplifier outputs to the HIGH LEVEL input terminals, on the subwoofer amplifier panel. Ensure there are no stray wire strands that could possibly short together and damage both the amplifier and subwoofer.

Warnings

- Double-check all connections before switching on the SFX system and your amplifier.
- Ensure that the polarity of the speaker cables from your amplifier to the subwoofer is correct - failure to observe this will result in damage to your amplifier.
- When using the HIGH LEVEL inputs, ensure that your amplifier is not configured in bridge mode; damage could result to either the amplifier or the subwoofer. If in doubt consult your dealer.

Setting up

Ensure the POWER switch is in the OFF position. You can operate the SFX subwoofer in two modes, AUTO and ON. Set to AUTO, the unit remains switched off until a signal is present (power saving), set to ON the unit runs continuously. Connect the SFX subwoofer to a convenient mains socket using the lead and plug supplied.

Set the SFX subwoofer VOLUME to MIN, PHASE SWITCH to 0°, CROSSOVER to AV/LFE. Set your 5.1 or 6.1 receiver/decoder to SMALL SPEAKERS, LFE or SUB output to ON and play a favourite disc. Switch the SFX subwoofer to ON and set the VOLUME to AV/LFE. Assess the bass signal strength and adjust VOLUME accordingly. The purpose of a subwoofer is to enhance the bass or low frequencies but not to overpower the music or film dialogue. Set up can be checked by using the noise signal calibration facility in most 5.1 or 6.1 receivers/decoders.

Positioning

As the SFX subwoofer produces low frequencies only, it is difficult to detect its location by ear. It can therefore be placed anywhere in the room, but optimum performance will be gained by locating the subwoofer between the front pair of speakers. Bass output will increase next to a wall or especially in a corner; so use the **volume** control to compensate if moving your subwoofer around.

Auto power/Sleep functions

The SFX subwoofer can be left permanently on in AUTO mode, under which conditions it will revert to 'sleep' mode after approximately 20 minutes. If not using your subwoofer for some time, switch **off** and remove the power cable from the mains outlet.

Power requirements

Check that the voltage rating displayed on the rear panel is correct for your area before connecting. If it is incorrect, move the voltage selector on the rear panel to the appropriate voltage. The panel mounted fuse should also be changed to the correct rating (see below, under FUSE PROTECTION). If in any doubt, consult your Dealer or Authorised Service Agent.

Centre & Satellites

PERFORMANCE

Recommended amplifier power	15 - 100 Watts
Maximum Sensitivity (2.83Volts @ 1m)	85dB
Nominal impedance	6 Ohms
Frequency response (-6dB)	140Hz - 78kHz
Drivers	HF: 15mm (0.59”) titanium dome, neodymium magnet system
	LF: 75mm (2.95”) paper cone
Crossover frequency	4.5kHz (mid to high) 140Hz (to subwoofer)
Magnetic shielding	Yes
Satellite Weight	750gms (1.65lbs)
Satellite Dimensions H x W x D	140 x 97 x 95mm (5.51 x 3.82 x 3.74”)
Centre Weight	1.5kg (3.3lbs)
Centre Dimensions H x W x D	120 x 230 x 95mm (4.72 x 9.06 x 3.74”)
Finish	Silver or black
Supplied accessories	Wall mounting brackets
	25 metres (82ft 6”) speaker cable
Optional accessories	Satellite floor stands available in matching silver or black

Subwoofer

PERFORMANCE

Power output	100 Watts
Frequency response (-6dB)	45Hz - 140Hz
Driver	200mm (7.87”) paper cone
Inputs	Twin line or speaker level
Power requirements	160VA max
Fuse ratings	AC100-120V / 60Hz - Fuse: T1.6A L /250V
	AC 220-240V / 50Hz - Fuse: T800mA L /250V
Additional features	ON / OFF/ AUTO power function
Weight	9.0kg (20.0lbs)
Dimensions H x W x D	345 x 250 x 370 mm (13.58 x 9.84 x 14.57”)
Finish	Silver or black

How it all adds up

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